IOWA STATE JOURNAL OF RESEARCH / MAY, 1982 437-439
Vol. 56, No. 4

IOWA STATE JOURNAL OF RESEARCH
TABLE OF CONTENTS
Volume 56
(August, 1981–May, 1982)

No. 1, August, 1981

ASPECTS IN RENAISSANCE SCHOLARSHIP
PAPERS PRESENTED AT
"SHAKESPEARE AND HIS CONTEMPORARIES"
SYMPOSIUM, 1981

From the Editors. 1

GALYON, L. R. Introduction. 5

BEVINGTON, D. M. "Why Should Calamity Be Full of Words?" The Efficacy of Cursing in *Richard III* 9

ANDERSON, D. K., Jr. The King's Two Rouses and Providential Revenge in *Hamlet* 23

ONUSKA, J. T., Jr. Bringing Shakespeare's Characters Down to Earth: The Significance of Kneeling 31

MULLIN, M. Catalogue-Index to Productions of the Shakespeare Memorial/Royal Shakespeare Theatre, 1879-1978 43

SCHAEFER, A. J. The Shape of the Supernatural: Fuseli on Shakespeare. 49

POAGUE, L. "Reading" the Prince: Shakespeare, Welles, and Some Aspects of *Chimes at Midnight* 57

KNIGHT, W. N. Equity in Shakespeare and His Contemporaries. . . 67

STATON, S. F. Female Transvestism in Renaissance Comedy: "A Natural Perspective, That Is and Is Not" 79

IDE, R. S. Elizabethan Revenge Tragedy and the Providential Play-Within-a-Play 91

STEIN, C. H. Justice and Revenge in *The Spanish Tragedy*. 97

* * * * * * * * * * *

No. 2, November, 1981

From the Editors. 105

PUHL, J. Forearm liquid crystal thermograms during sustained and rhythmic handgrip contractions 107

COUNTRYMAN, D. W. and D. P. KELLEY. Management of existing hardwood stands can be profitable for private woodland owners 119

MERTINS, C. T. and D. ISLEY. Charles E. Bessey: Botanist, educator, and protagonist 131

HELSEL, D. B. and K. J. FREY. Associations of growth rate with other traits in oats (*Avena sativa* L.) 149

MADISON, K. G. Some unused sources concerning litigation of Sir John Fastolf and John Paston III 159

POHL, R. W. Reversion from variegated to green leaf blades in *Oplismenus hirtellus* (L.) Beauv. (Gramineae: Paniceae) 177

ST. CLAIR, C. S. Science in the *Journal des sçavans*, 1665-1666 .. 181

ATKINS, R. E. and A. BUENO. Estimation of total-plant leaf area in grain sorghum 193

GALEJS, I., J. O'BRIEN, and L. WOLINS. Emotionally disturbed and normal children's perceptions of their parents 205

WOLANSKY, W. D., J. N. RILEY, and W.-L. CHENG. Determining in-service needs of vocational teachers 213

LACASA, J. N. and J. LACASA. Student-perceived uses of a foreign language: Spanish 219

* * * * * * * * * * *

No. 3, February, 1982

PLANT SCIENCE LECTURE SERIES
PAPERS PRESENTED AT
"BREEDING CROP PLANTS FOR PHYSIOLOGICAL TRAITS
SYMPOSIUM, 1982

From the Editors 223

ADAMS, M. W. Plant architecture and yield breeding 225

HEICHEL, G. H. Breeding alfalfa for improved nitrogen fixation: A physiological perspective 255

LOOMIS, R. S. McDermitt's method for relating elemental composition of plant materials to respiration and yield 281

McCREE, J. J. The role of respiration in crop production. 291

SHANNON, J. C. A search for rate-limiting enzymes that control crop production 307

* * * * * * * * * * *

No. 4, May, 1982

From the Editors. 325

CARR, P. H., W. P. SWITZER, and W. F. HOLLANDER. Evidence for interference with navigation of homing pigeons by a magnetic storm. 327

COLEMAN, T. L. and T. E. FENTON. A reevaluation of mathematical modes for predicting various properties of loess-derived soils in Iowa 341

GEORGE, J. R. and K. E. HALL. Herbage cation concentrations in switchgrass, big bluestem, and Indiangrass with nitrogen fertilization. 353

LAWRENCE, B. K. and W. R. FEHR. Reproductive response of soybeans to short day lengths 361

BUENO, A. and R. E. ATKINS. Growth analysis of grain sorghum hybrids 367

MEIXNER, M. L. La Chagallité: The style in tapestry. 383

LANG, J. M. and D. ISELY. *Eysenhardtia* (Leguminosae: Papilionoideae) 393

WILLIAMS, D. D. The known Pratylenchidae (Nematoda) of Iowa 419

GHIDIU, G. M. and E. C. BERRY. A seed corn maggot trap for use in row crops 425

LEWIS, L. C. Present status of introduced parasitoids of the European corn borer, *Ostrinia nubilalis* (Hübner), in Iowa 429

Contents, Iowa State Journal of Research, Vol. 56 (August, 1981—May, 1982). 437